



## FACILITY COMPLIANCE INSPECTION REPORT

### Division of Waste Management Solid Waste Section

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer	X	Compost		SLAS		COUNTY: <b>Durham</b> PERMIT NO.: <b>32-12 T</b> FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incin		T&P		FIRM		
CDLF		Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Site Inspection:** October 25, 2012 **Date of Last Inspection:** February 14, 2012

**FACILITY NAME AND ADDRESS:**

City of Durham Transfer Facility  
2115 East Club Boulevard  
Durham, NC 27704

**GPS COORDINATES:** N: 36.02810 E: -78.85553

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Chris Marriott, City of Durham – Waste Disposal Manager

w. 919-560-4186 x32253

f. 919-560-1197

c. 919-452-2804

[chris.marriott@durhamnc.gov](mailto:chris.marriott@durhamnc.gov)

**FACILITY CONTACT ADDRESS:**

Chris Marriott, Waste Disposal Manager  
City of Durham Solid Waste Management Department  
1833 Camden Avenue  
Durham, NC 27704

**PARTICIPANTS**

John Patrone, NCDENR – Solid Waste Section (SWS)

Chris Marriott, City of Durham – Waste Disposal Manager

Dan Jarboe, Mr. Bult's, Inc – Terminal Manager

**STATUS OF PERMIT:**

Permit To Construct/Operate (PTC/PTO) issued April 12, 2010

PTC conditions – Not Applicable

PTO expiration date April 12, 2015

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

None

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#### OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

#### ADDITIONAL COMMENTS

On October 25, 2012, John Patrone met with Chris Marriott and Dan Jarboe to conduct a comprehensive inspection of the City of Durham Transfer Facility located on East Club Boulevard in Durham, Durham County.

1. The facility is owned by the City of Durham and operated by Republic Services of NC LLC. Republic Services sub-contacts operation of the transfer facility to Mr. Bult's, Inc. (MBI).
2. The facility is open Monday through Friday 7:30 am to 4:30 pm and Saturday 7:30 am to noon.
3. The facility permit, site plan, and operations plan were discussed.
4. The facility is permitted to receive municipal solid waste (MSW) generated in Durham, Chatham, Granville, Orange, Person, and Wake Counties.
5. Municipal solid waste is hauled to Uwharrie Regional MSW Landfill (62-04).
6. The following are facility certified personnel:
  - a. Christopher R. Marriott, Certified Landfill Manager (MOLO), No. 80770, exp. 01/13/14
  - b. Bruce Woody, Certified Transfer Station Operations Specialist, TS-2007121, exp. 12/06/13
  - c. Lisa M. Gauldin, Certified Transfer Station Operations Specialist, TS-2008034, exp. 04/05/14
  - d. Russell L. Suitt, Certified Transfer Station Operations Specialist (attended recertification class June 2012, awaiting certificate)
  - e. Keith A. Russell, Certified Transfer Station Operations Specialist, TS-20101110, exp. 11/29/13
  - f. Dan Jarboe, Certified Transfer Station Operations Specialist, TS-2009016, exp. 02/27/15
  - g. Jesus Castro, Certified Transfer Station Operations Specialist, TS-20101104, exp. 11/29/13
  - h. Phillip L. Mann, Certified Transfer Station Operations Specialist, TS-2011050, exp. 10/20/14
7. The vehicle scale tests were conducted by the NC Department of Agriculture & Consumer Services on October 31, 2011.
8. The vehicle scale tests were conducted by Fairbanks Scales, Inc. on June 21, 2012. Vehicle scale tests indicated zero error.
9. The facility does not have an outside weight indicator or ability to reposition the scale house indicator display.
10. The facility deposits bulk item MSW into an open-top trailer via the load-out bay and non-bulk item MSW into a stationary compactor unit that off-loads, via compaction cylinder, into a semi-trailer. The compactor load-out hopper is located inside of the transfer station building. The compaction unit and associated semi-trailer are located outside, adjacent to the facility. The semi-trailer holds ~ 22 tons.
11. The facility has a resident drop-off convenience center located at the entrance to the property that accepts MSW, cardboard, paper, glass, plastics, steel, aluminum, scrap metal, wooden pallets, televisions and computers/electronics, used oil, lead acid batteries, motor vehicle oil filters, antifreeze, used cooking oil, white goods, and scrap tires. A swap-shop, available to the public, is located adjacent to the convenience center.
12. The facility has a yard waste drop-off area adjacent to the transfer station building (left rear of lot). Residents off-load material onto the ground and facility personnel place it into open top containers. The open top containers are routinely hauled to the City of Durham Solid Waste Compost facility (SWC 32-04) for processing. The SWC facility is located ~ ¼ mile away via service road. Ensure that the yard waste resident drop-off collection procedure is documented in the facility operations plan when the permit is renewed/modified.
13. Facility capacity average is 650 – 1,100 TPD or ~ 180,000 TPY.

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14. The facility annual report (FAR) submitted to the SWS is dated August 1, 2012. Tonnage received July 2011 through June 2012 is 132,545.24. During the same time period, municipal solid waste, totaling 125,949.51 tons, was hauled to Uwharrie Regional MSW Landfill, permit No. 62-04.
15. The facility maintains records of the amount of MSW received and shipped-out. Monthly records were reviewed. Tonnage invoiced for August 2012 is 11,597.42 and September 2012 is 11,028.71.
16. Mr. Bult's, Inc. owns, moves, and hauls the transfer trailers. There were no full transfer trailers on site during the inspection. Empty transfer trailers appeared to be in good condition. During the weekend (Saturday through Monday morning), 1 to 3 full transfer trailers may be stored on site. Transfer trailers are not stored in an area with leachate containment.
17. Mr. Bult's, Inc. hauls-off ~ 20 - 22 transfer trailers a day Monday and Tuesday and ~ 15 trailers a day Wednesday through Friday.
18. Waste screening reports were reviewed for March through October 25, 2012. The facility conducts three waste screenings a day.
19. Scrap tire certifications were verified for March through September 2012. Records for April and September 2012 were reviewed. A scrap tire transfer trailer weighs ~ 55 – 60 tons. Scrap tires are shipped to Central Carolina Holdings LLC.
20. The facility manages white goods containing chlorofluorocarbons (CFCs). White goods containing CFCs are kept separate from scrap metal. Facility personnel remove CFCs. Records of the amount of CFCs are maintained. Records for March through September 2012 were verified. The facility collected 151 white goods of which < 2 ounces of CFCs were extracted. As to the limited amount of CFCs extracted, Mr. Marriott stated that the CFC extraction equipment has been inspected by an authorized agent. And that it is common that many of the white goods received at the facility have the copper tubing removed.
21. The following are facility personnel certified as a Type 1 Technician to remove CFCs, required by 40 CFR, Part 82, Subpart F:
  - a. Bruce Woody, certification No. NC-000-3076, issued: 03/10/10
  - b. Phillip Mann, certification No. NC-000-6334, issued: 09/09/11
22. The leachate settling tank/oil-water separator was pumped-out by Safety-Kleen on April 30, 2012. And ~ 2,800 gallons of leachate was removed.
23. The leachate floor drain/grate appeared functional. A leachate drain is located in the transfer station building (tipping floor sloped to direct leachate to drain). Stormwater drains are located across the access roads. Mr. Marriott stated that all the drains are routed to the leachate settling tank/oil water separator.
24. The transfer station building appeared to be in good repair.
25. Mr. Jarboe stated that the tipping floor and load-out area are cleaned daily. Per the facility operations plan, ensure that the transfer station is washed down.
26. Mr. Marriott stated that the facility does not conduct second shift recycling operations/bulking of recyclable material on the tipping floor. The City of Durham recycling is brought directly to Sonoco Recycling, Inc.
27. The City of Durham Fire Department will respond to an emergency at the facility. There are numerous fire extinguishers on site.
28. There was no indication of erosion or runoff.
29. No windblown material was observed.
30. The facility is secured by a locked gate. Personnel are on site during operating hours.
31. Access roads are of all-weather construction.
32. The facility has proper signage.
33. The permit expiration date is April 12, 2015.
34. The permit renewal application shall be submitted to the SWS by October 12, 2014.

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Please contact me if you have any questions or concerns regarding this inspection report.



John Patrone  
Environmental Senior Specialist  
*Regional Representative*

Phone: 336-771-5095 Fax: 336-771-4631

Sent on: <u>October 26, 2012</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. <input type="text"/>
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Copies: Jason Watkins, Western District Supervisor  
Jessica Montie, Compliance Officer  
Donald Long, City of Durham - Solid Waste Director ([donald.long@durhamnc.gov](mailto:donald.long@durhamnc.gov))  
Rick Prather, Republic Services – General Manager ([rprather@republicservices.com](mailto:rprather@republicservices.com))

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Digital pictures taken October 25, 2012  
by John Patrone, DWM-SWS

Transfer facility building



Right side of tipping floor, to bulk item load-out bay



Bulk item load-out bay



Non-bulk item compactor unit and semi-trailer

